

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (original) A dielectric barrier discharge lamp, having
a discharge vessel which is filled with a discharge medium,
at least one inner electrode, which is arranged on the
inner side of the discharge vessel,
a dielectric layer on at least one inner electrode, which
layer separates the inner electrode or inner electrodes
from the discharge medium,
at least one supply conductor, which is electrically
conductively connected to the at least one inner electrode
in a leadthrough region, which leadthrough region is
realized by a gastight pinch.
2. (original) The dielectric barrier discharge lamp as
claimed in claim 1, in which the pinch completely surrounds
the connection between the at least one inner electrode and
the associated supply conductor.
3. (currently amended) The dielectric barrier discharge lamp
as claimed in claim 1 [[or 2]], in which the at least one

inner electrode is realized as a conductor track arranged on the inner side of the wall of the discharge vessel.

4. (currently amended) The dielectric barrier discharge lamp as claimed in claim 1 [[or 2]], in which the dielectric layer arranged on at least one inner electrode extends at least as far as the start of the pinch, and preferably partway into the pinch.
5. (currently amended) The dielectric barrier discharge lamp as claimed in claim 1 [[or 2]], in which the at least one supply conductor is realized by an electrically conductive wire.
6. (original) The dielectric barrier discharge lamp as claimed in claim 5, in which the diameter of the wire is in the range between 0.3 mm and 1.5 mm, preferably in the range between 0.5 mm and 1.0 mm.
7. (original) The dielectric barrier discharge lamp as claimed in claim 5, in which the wire comprises an iron-nickel alloy.
8. (currently amended) The dielectric barrier discharge lamp as claimed in claim 1 or 2, in which the discharge vessel

is tubular and the at least one inner electrode is linear, and in which the at least one inner electrode is oriented parallel to the longitudinal axis of the discharge vessel.

9. (original) The dielectric barrier discharge lamp as claimed in claim 8, in which the inner electrodes are two in number, and in which these two inner electrodes are arranged diametrically.
10. (original) The dielectric barrier discharge lamp as claimed in claim 9, in which the plane of the pinch lies in the common plane of the two inner electrodes.
11. (currently amended) The dielectric barrier discharge lamp as claimed in claim 1 or 2, in which the pinch additionally includes an exhaust tube.
12. (currently amended) The dielectric barrier discharge lamp as claimed in claim 1 or 2, in which the wall of the discharge vessel is at least partially provided with phosphor.
13. (currently amended) The dielectric barrier discharge lamp as claimed in claim 1 or 2, in which the discharge medium comprises xenon.

14. (new) The dielectric barrier discharge lamp as claimed in claim 2, in which the at least one inner electrode is realized as a conductor track arranged on the inner side of the wall of the discharge vessel.
15. (new) The dielectric barrier discharge lamp as claimed in claim 2, in which the dielectric layer arranged on at least one inner electrode extends at least as far as the start of the pinch, and preferably partway into the pinch.
16. (new) The dielectric barrier discharge lamp as claimed in claim 2, in which the at least one supply conductor is realized by an electrically conductive wire.
17. (new) The dielectric barrier discharge lamp as claimed in claim 2, in which the discharge vessel is tubular and the at least one inner electrode is linear, and in which the at least one inner electrode is oriented parallel to the longitudinal axis of the discharge vessel.
18. (new) The dielectric barrier discharge lamp as claimed in claim 2, in which the pinch additionally includes an exhaust tube.

19. (new) The dielectric barrier discharge lamp as claimed in claim 2, in which the wall of the discharge vessel is at least partially provided with phosphor.
20. (new) The dielectric barrier discharge lamp as claimed in claim 2, in which the discharge medium comprises xenon.